Notice

This guide is designed for experienced users to setup the system in the shortest time.

Safety Precautions

Warning! *Always completely disconnect the power cord from your board whenever you are working on it. Do not make connections while the power is on, because a sudden rush of power can damage sensitive electronic components.*

Caution! *Always ground yourself to remove any static charge before touching the board. Modern electronic devices are very sensitive to static electric charges. Use a grounding wrist strap at all times. Place all electronic components on a static-dissipative surface or in a static-shielded bag when they are not in the chassis*

PER-T263 QIG Rev.A 2nd Ed.

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Product Warranty

First of all, thank you for purchasing PER-T263 which is 4-CH 10/100 PoE card. This Quick Installation Guide will help you on the process of the installation. Please read it thoroughly before you start to install it. You may visit AAEON website for the latest version of the instruction. Please refer to Http://www.aaeon.com

All products in AAEON are designed as the strictest specifications to ensure that the products will own the reliable performance in the typical industrial environments. Whether your purchase from AAEON is made to the purpose of the laboratory or the factory facility, you can be assured that every purchase in AAEON will provide the reliability and stability of operation.

Technical Support

For the most frequently asked questions, you can easily find solutions in your product documentation. We strongly suggest you to read it before asking for a customer service over the phone. If you still cannot find the answer, please give a call to your dealer. All dealers of AAEON are well-trained and ready to provide you as many supports as we can. Based on the customer service we've encountered until now, most of problems are minor and able to be easily solved over the phone. We are always pleased to give advice regarding any installation and operation for AAEON products.

Ordering Information

- **TF-PER-T263-A10**

4-Port 10/100Base-TX 802.3af Compliant PoE Card

Packing List

- 1   PER-T263

- 1   Utility CD for Quick Installation Guide (in PDF

  format)

- 1   Communication cable with USB Interface

Content

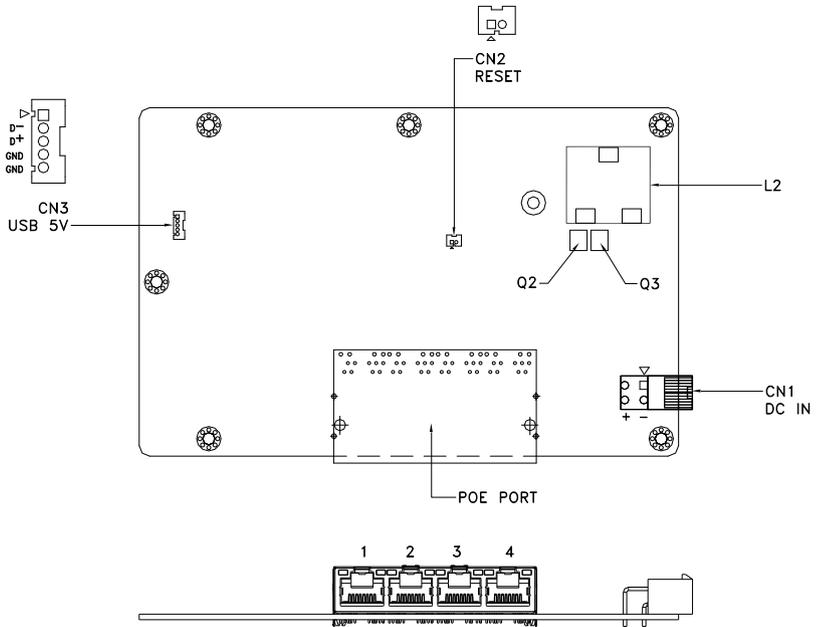| PoE Card	PER-T263

Features

- 4-CH 10/100 TX Ports With Auto MDI/MDI-X

- IEEE 802.3af-Compliant Delivers 15.4W Per Channel

- USB Type Interface

- Unmanaged Switch Function

- IEEE 802.3 Auto-Negotiation Support
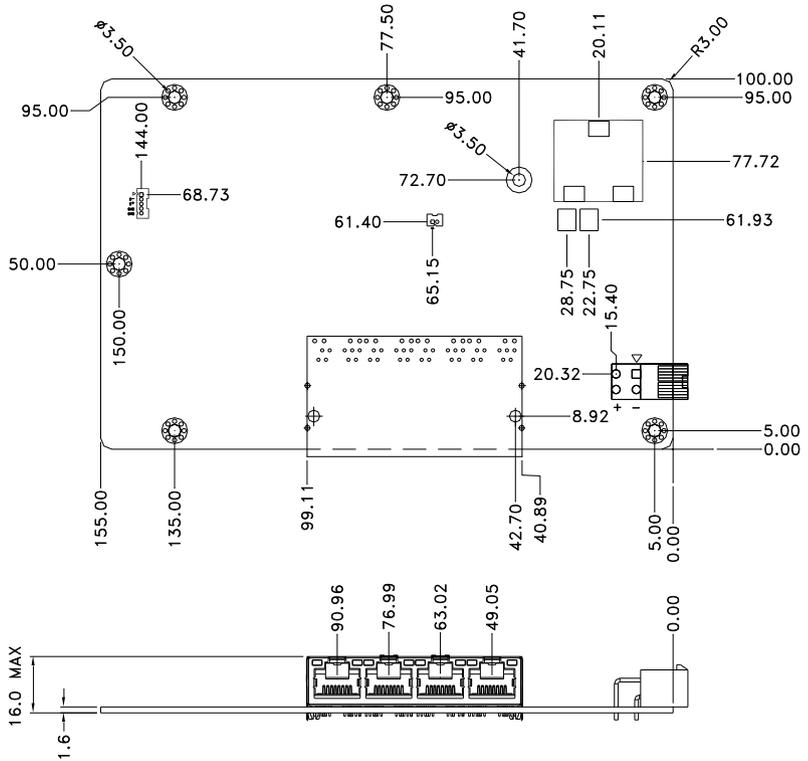
Specification

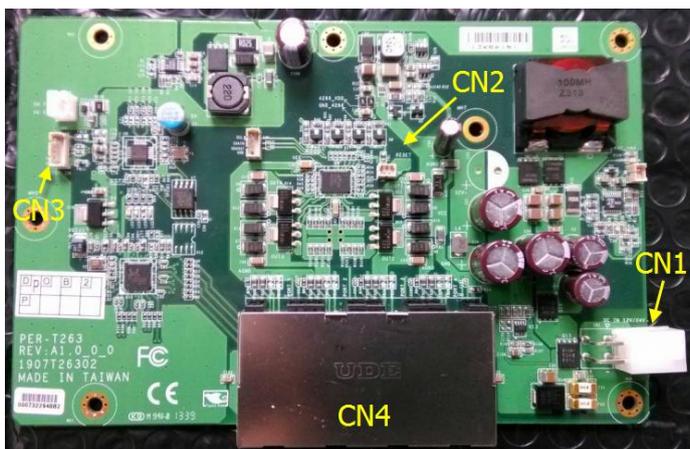|	
Form Factor	5.5" x 3.93" (140 x 100mm)
Interface	USB 2.0 Type
Ethernet Chipset	Realtek RTL8152B for 10/100Base-TX
Ethernet Switch	Realtek RTL8305NB, 1 to 4 ports auto-negotiation
Power Requirement	+3.3V
Power Output	DC 48V
Operating Temperature	$32\,^{o}F{\sim}140\,^{o}F$ ($0\,^{o}C{\sim}60\,^{o}C$)

Locations of Connectors

Mechanical Drawing

PER-T263 Pin Definition

DC POWER_INPUT (CN1)

Pin	Signal
1	GND
2	GND
3	DC-IN(12-30V)
4	DC-IN(12-30V)

PoE Reset (CN2)

Pin	Signal
1	#Poe_Reset : Low Ative
2	Poe_GND

Note 1: To enable PoE chipet reset, please only connect with #PoE_Reset   and PoE_GND.

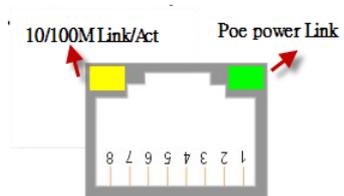**Note 2**: DO NOT connect with other GND signal with #PoE_Reset   and PoE_GND

USB2.0_INPUT (CN3)

Pin	Signal
1	**USB 5V / NA**
2	D-
3	D+
4	USB GND
5	USB GND

PoE 1~4 Port (MID-SPAN) (CN4)

Pin	Signal	Pin	Signal
1	Tx+	2	TX-
3	Rx+	4	48V+
5	48V+	6	Rx-
7	48V-	8	48V-

Green LED	Poe power Link
Yellow LED	10/100M Link/Act

Card Installation

Note:
We strongly recommend you to install the software driver before you install the hardware into your system. It will guarantee a smooth and trouble-free installation process.

Turn off your PC's power supply before you install or remove the PCI communication card and its cables. Static electricity may easily damage computer equipment. Ground yourself by touching the chassis of the computer (metal) before you touch any boards.

Step 1- Install the LAN driver

Step 2- Turn off the computer and all peripheral devices (such as printers and monitors)

Step 3- Disconnect the power cord and any other cables from the back of the computer

Step 4- Remove the cover of PC

Step 5- We provide P/N : 1709050601 USB cable, Please plug 5-pin USB cable on PER-T263, and insert another side of Type A

 USB connector to your PC.

Step 6- Plug you power cable on PER-T263 PoE card power slot.

Step 7- Close the cover of PC

Step 7- Connect the cables you removed in step 3

Step 8- Turn on the computer

Step 9- The driver of USB Type PoE card will be installed automatically

Below Table for China RoHS Requirements

产品中有毒有害物质或元素名称及含量

AAEON Main Board/ Daughter Board/ Backplane

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板 及其电子组件	×	○	○	○	○	○
外部信号 连接器及线材	×	○	○	○	○	○

O：表示该有毒有害物质在该部件所有均质材料中的含量均在
　　SJ/T 11363-2006 标准规定的限量要求以下。

X：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出
　　SJ/T 11363-2006 标准规定的限量要求。

备注：此产品所标示之环保使用期限，系指在一般正常使用状况下。